

In the Claims:

✓  
Please cancel claim 2.

Claim 1 (amended). A trench capacitor, comprising:

A<sup>1</sup>  
a substrate formed with a trench;

Sub B1  
[a] trench having an upper region and a lower region and a  
conductive trench filling formed of tungsten-containing  
material disposed in said upper and lower regions of said  
trench;

an insulation collar formed in said upper region;

a buried well formed in said substrate, said lower region at  
least partly extending through said buried well; and

a dielectric layer of tungsten oxide for lining said lower  
region, said dielectric layer serving as a capacitor  
dielectric[; and

[a conductive trench filling disposed in said trench].